# LQH2HPN6R8MGR#

"#" indicates a package specification code.









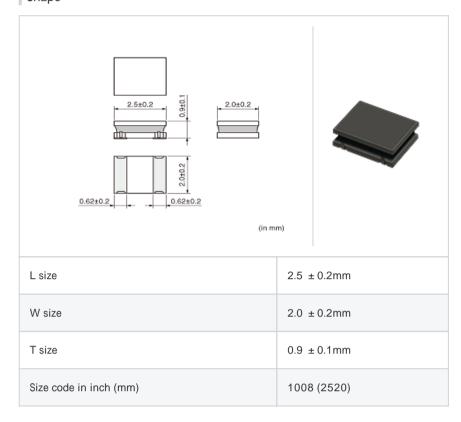






< List of part numbers with package codes > LQH2HPN6R8MGRL

#### Shape



#### Notes

When Rated Current is applied to the Products, more than the value which is 30% down from minimum rated Inductance value and self temperature rise will be 40 Keep the product under 125 (ambient temperature plus self-generation of heat).

### References

Packaging code	Specifications	Minimum quantity
L	180mm Embossed taping	3000

Mass (Typ.)		
1 piece	0.019g	

#### Specifications

Inductance	6.8µH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	830mA
Rated current (Itemp) (Based on Temperature rise)	860mA
Max. of DC resistance	0.474
Avg. of DC resistance	0.395 ±20%
Self resonance frequency (min.)	40MHz
Operating temperature range (Self-temperature rise is not included)	-40 ~ 85
Class of magnetic shield	Magnetic shield of magnetic powder in resin

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## **Attention**

- 1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it 's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



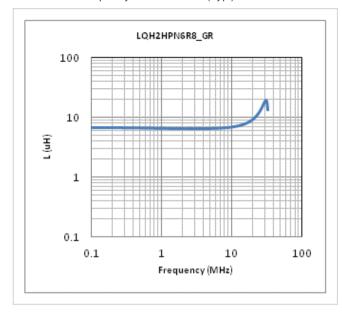
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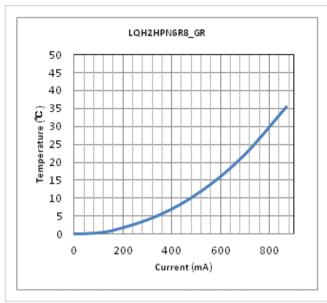
Last updated: 2013/12/08

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

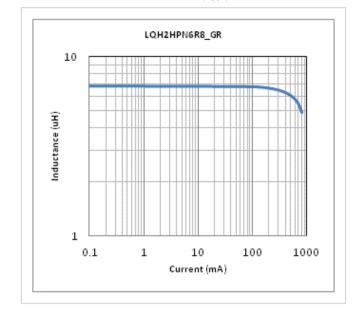
Inductance-Frequency characteristics (Typ.)



Temperature rise characteristics (Typ.)



Inductance-Current characteristics (Typ.)



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